

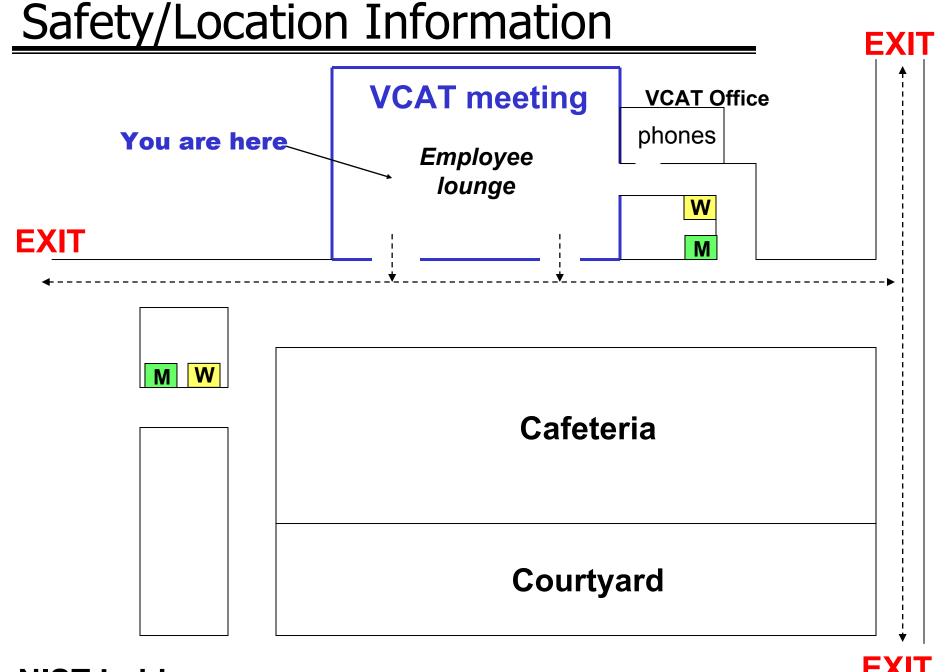
. . .working with industry to develop and apply technology, measurements and standards

NIST Update

Arden L. Bement, Jr. NIST Director

Visiting Committee on Advanced Technology
9 December 2003





NIST Lobby

Not to scale

Today's Agenda

Management Priorities: Strategy and People

- Strategy
 - >2010 Implementation NIST Wide
 - >2010 Implementation within the Laboratories
 - Examples: Nanoscale Physics & Microscale Analytical Lab Tours
 - Administration Stakeholders Views
- People
 - >Safety Update
 - >People Update

Program Updates

► ATP



Outline of Talk

- Review of Management Priorities Strategy, People, Overhead, Facilities
- Update on National Priorities at NIST Voting, National Construction Safety, Nanotechnology, Biometrics, Manufacturing
- Other Updates—Malcolm Baldrige National Quality Award Recipients, MacArthur and Presidential Rank Award Winners, Budget

Management Priorities for FY 2004

Strategy

Improve the long-term strategic management of the entire Institute

People

Continuous improvement in developing and managing a high-performing workforce

Overhead

Maximize the effectiveness and efficiency of administrative and service functions funded through Institute overhead

Facilities

Maximize the use and operational effectiveness of new and existing research and administrative facilities



Strategy

Improve the long-term strategic management of the entire Institute

Goals

- Revising and implementing the strategic plan to maximize long-term growth and impact
 - > Balance
 - > Effectiveness of mission performance
 - > Enhanced stakeholders relationships

Revision of NIST 2010

- Increase visibility of core measurement and standards research and services
- Reposition Homeland Security strategic goal
- Clarify Strategic Focus Areas (SFAs)



PREEMINENT PERFORMANCE

The NIST 2010 Strategic Plan

DRAFT FOR PUBLIC REVIEW & COMMENT

The NIST 2010 Strategic Plan was produced during 2001-2002 by the NIST senior management team. The Plan is a working document that NIST uses for two purposes: to solicit input from its customers and stakeholders on the Institute's long-term strategic direction; and to guide operational planning within NIST's Operating Units. NIST anticipates adjustments to this Plan over time, in response to changing customer and stakeholder needs, scientific and technological developments, or changes in other external factors that could affect how NIST can best carry out its long-standing mission.

AUGUST 2002

Long-Term Goals for the Revised NIST 2010

- Provide technical leadership for the Nation's measurement and standards infrastructure (Labs)
- Assure the availability and efficient transfer of measurement and standards capabilities (Labs)
- Accelerate private investment in and development of high-risk, broadimpact technologies (ATP)
- Raise the productivity and competitiveness of small manufacturers (MEP)
- Catalyze and reward quality and performance improvement practices in U.S. businesses and other organizations (BNQP)
- Organizational excellence (NIST)

Strategic Working Groups

- Facilitate NIST-wide collaboration and coordination
- ► Identify possible strategic opportunities
- Enhance external collaboration and communication

Strategic Working Groups

Pursuing Strategic Working Groups in the following areas.

- Homeland Security
- Biosystems and Health
- Manufacturing
- Nanometrology
- Information / Knowledge Management

Homeland Security Strategic Working Group

Kathleen Higgins

- Heads the NIST Office of Law Enforcement Standards
- Chair, Homeland Security Working Group
- Assistant to the Director for Homeland Security



People

Continue improvement in developing and managing a high-performing workforce

Goals

- Enhance staff performance and opportunities for growth
- Develop long-term human resource strategies
- Use competitive sourcing as a vehicle for minimizing cost

National Priorities

- Voting
- Construction Safety
- Nanotechnology
- Biometrics
- Manufacturing

2003 Malcolm Baldrige Quality Award Recipients



- Medrad, Inc., Indianola, Pa. (Manufacturing)
- Boeing Aerospace Support, St. Louis, Mo. (Service)
- Caterpillar Financial Services Corp., Nashville, Tenn. (Service)
- Stoner Inc., Quarryville, Pa. (Small Business)
- Community Consolidated School District 15, Palatine, Ill.
 (Education)
- Baptist Hospital, Inc., Pensacola, Fla. (Health Care)
- Saint Luke's Hospital of Kansas City, Kansas City, Mo. (Health Care)

External Awards

2003 MacArthur Fellow



Deborah Jin NIST and Colorado University-Boulder Physicist

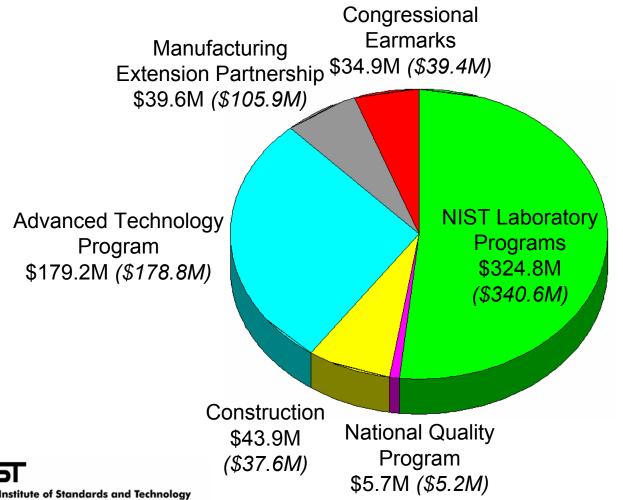
2003 Presidential Distinguished Rank Award

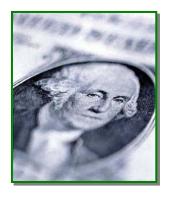


Michael Rowe NIST NCNR Director

NIST Budget Status

FY04 Conference Mark (FY03 Budget)





FY04 Total=\$628.1M

FY03 Total=\$707.5M

National Institute of Standards and Technology

Technology Administration, U.S. Department of Commerce